

**BEST VALUE  
BLANKET PURCHASE AGREEMENT  
FEDERAL SUPPLY SCHEDULE  
Naval Air Warfare Center, Aircraft Division**

In the spirit of the Federal Acquisition Streamlining Act the Naval Air Warfare Center, Aircraft Division and MCR Federal, Inc. enter into a cooperative agreement to further reduce the administrative costs of acquiring commercial services from the General Service Administration (GSA) Federal Supply Schedule Contract GS-35F-5792H.

Federal Supply Schedule contract BPAs eliminate contracting and open market costs such as: search for sources; the development of technical documents, solicitations and the evaluation of bids and offers. Teaming Arrangements are permitted with Federal Supply Schedule contractors in accordance with Federal Acquisition Regulation (FAR) Part 9.6.

This BPA will further decrease costs, reduce paperwork and save time by eliminating the need for repetitive, individual purchases from the schedule contract. The end result is to create a purchasing mechanism for the Government that works better and costs less.

Signatures:

\_\_\_\_\_  
PATRICIA CORNETT

Naval Air Warfare Center, AD    DATE

\_\_\_\_\_  
MCR Federal, Inc

\_\_\_\_\_  
DATE

**NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION  
BLANKET PURCHASE AGREEMENT  
BPA NUMBER N00421-98-A-1362**

Pursuant to MCR Federal's GSA Federal Supply Schedules, MCR agrees to the following terms of a Blanket Purchase Agreement with the Naval Air Warfare Center, Aircraft Division (NAWCAD) who may use this BPA to acquire commercially-based services to support cost estimating and analyses for AIR-4.2 (Cost Department) NAVAIR Headquarters. Cost Estimating/Analysis (CE/A) will cover a variety of commodity cost areas related to Naval Aviation including, but not limited to aircraft, aircraft components and subsystems, weapons, integrated logistics support, and operating and support.

1. MCR GSA Federal Supply Schedule Contract GS-35F-5792H sets forth the services available within the Schedule. Under the terms of this BPA, individual Government customers may request and negotiate additional discounts and/or labor rate variances from these contracts based on the anticipated volume of products or services to be purchased under a specified task/delivery order. Ancillary products needed to effect a total solution may also be obtained under this BPA.
2. For all services provided under this BPA, MCR agrees to provide the approved hourly rate as the base rate for all applicable labor categories provided within the applicable GSA Federal Supply Schedule.
3. Performance locations shall be as stated in individual task orders.
4. The Government estimates, but does not guarantee, that the volume of purchases through this agreement will be \$4,000,000.
5. This BPA does not obligate any funds. The Government is obligated only to the extent specified in orders issued under the BPA.
6. This BPA expires five (5) years from the date of execution of this BPA.
7. Ordering under this BPA is centralized and only contracting officers of NAWCAD or NAVAIR may place orders. NAWCAD will administer this BPA and issue any modifications which affect the basic terms and conditions of the BPA. The point of contact at NAWCAD will be:

Ms. Patricia Cornett, Contracting Officer  
Naval Air Warfare Center, Aircraft Division  
47253 Whalen Road, Building 588  
Patuxent River, MD 20670-1463  
Telephone: (301) 342- 1825 ext. 116  
Facsimile: (301) 342-1847/1864

8. Orders will be placed against this BPA via Electronic Data Interchange (EDI), Facsimile, or paper to the following address:

MCR Federal, Inc.  
2000 Corporate Ridge  
Suite 850  
McLean, VA 22102  
Telephone: (301) 737-4600  
Facsimile: (301) 737-4644

9. Regarding the descriptions of the various labor categories, experience may be substituted for education when that experience is specialized, directly related to functions to be performed and approved by the government customer. The ordering Contracting Officer reserves the right to determine if a proposed individual's given work history contains necessary and sufficiently related experience to reasonably ensure the capability for effective and efficient performance. The Contractor will identify the substituted education or experience within its individual proposal and may assign personnel in question only after receiving the Task Order signed by the issuing Government Contracting Officer. Attachment A contains labor category descriptions.
10. The requirement of a proper invoice are as specified in the Federal Supply Schedule contract. Invoices will be submitted to the address specified in Block 18a of the SF1449. The provisions of FAR 52.213-1 FAST PAYMENT PROCEDURE (JAN 1998) are incorporated in this Agreement. The clause is provided in full text below:

FAR 52.213-1 FAST PAYMENT PROCEDURE (FEB 1998)

(a) General. The Government will pay invoices based on the Contractor's delivery to a post office or common carrier (or, if shipped by other means, to the point of first receipt by the Government).

(b) Responsibility for supplies.

(1) Title to the supplies passes to the Government upon delivery to --

(i) A post office or common carrier for shipment to the specific destination; or

(ii) The point of first receipt by the Government, if shipment is by means other than Postal Service or common carrier.

(2) Notwithstanding any other provision of the contract, order, or blanket purchase agreement, the Contractor shall --

(i) Assume all responsibility and risk of loss for supplies not received at destination, damaged in transit, or not conforming to purchase requirements; and

(ii) Replace, repair, or correct those supplies promptly at the Contractor's expense, if instructed to do so by the Contracting Officer within 180 days from the date title to the supplies vests in the Government.

(c) Preparation of invoice.

(1) Upon delivery to a post office or common carrier (or, if shipped by other means, the point of first receipt by the Government), the Contractor shall --

(i) Prepare an invoice as provided in this contract, order, or blanket purchase agreement; and

(ii) Display prominently on the invoice "Fast Pay."

(2) If the purchase price excludes the cost of transportation, the Contractor shall enter the prepaid shipping cost on the invoice as a separate item. The Contractor shall not include the cost of parcel post insurance. If transportation charges are stated separately on the invoice, the Contractor shall retain related paid freight bills or other transportation billings paid separately for a period of 3 years and shall furnish the bills to the Government upon request.

(3) If this contract, order, or blanket purchase agreement requires the preparation of a receiving report, the Contractor shall prepare the receiving report on the prescribed form or, alternatively, shall include the following information on the invoice, in addition to that required in paragraph (c)(1) of this clause:

(i) A statement in prominent letters "No Receiving Report Prepared."

(ii) Shipment number.

(iii) Mode of shipment.

(iv) At line item level

(A) National stock number and/or manufacturer's part number;

(B) Unit of measure;

(C) Ship-To Point;

(D) Mark-For Point, if in the contract; and

(E) FEDSTRIP/MILSTRIP document number, if in the contract.

(4) If this contract, order, or blanket purchase agreement does not require preparation of a receiving report on a prescribed form, the Contractor shall include on the invoice the following information at the line item level, in addition to that required in paragraph (c)(1) of this clause:

(i) Ship-To Point.

(ii) Mark-For Point.

(iii) FEDSTRIP/MILSTRIP document number, if in the contract.

(5) Where a receiving report is not required, the Contractor shall include a copy of the invoice in each shipment.

(d) Certification of invoice. The Contractor certifies by submitting an invoice to the Government that the supplies being billed to the Government have been shipped or delivered in accordance with shipping instructions issued by the ordering officer, in the quantities shown on the invoice, and that the supplies are in the quantity and of the quality designated by the contract, order, or blanket purchase agreement.

(e) Fast pay container identification. The Contractor shall mark all outer shipping containers "Fast Pay."

(End of Clause)

11. Task/delivery orders for services shall be mutually agreed to by the ordering Agency and MCR, and should include the following information:

- a) a Statement of Work or other description of the work/services to be completed;
- b) Other expenses as required, to include travel and per diem expenses;
- c) a milestone/performance schedule;
- d) the Government's representative for overseeing performance (e.g., COR); and
- e) any special security requirements. For example, if access to classified systems or to classified facilities/areas is required, the user will provide the applicable DD254 Security Requirements to the Contracting Officer issuing the task/delivery order. This document shall be signed by the authorized security official. The task/delivery order contracting officer will include the DD254 to the contractor as an attachment to the resulting task/delivery order.

12. The following statement shall appear on the consignee's copy of the order: The consignee shall notify the purchasing office promptly after the specified delivery date of supplies not received, damaged in transit, or not conforming to specifications of the call order. Unless extenuating circumstances exist, the notification should be made not later than 60 days after the specified date of delivery.

13. The terms and conditions included in this BPA apply to all purchases made pursuant to it. In the event of an inconsistency between the provisions of this BPA and an MCR invoice, the provisions of this BPA take precedence.

14. This BPA will be placed on the Naval Aviation and System Team Information Technology Planning and Assessment (ITPA) web site, and can be accessed at URL <http://www.nawcad.navy.mil/its/> under GSA/BPA contract.
15. The FSS contractor receiving this BPA shall integrate their data, information and business processes relevant to the BPA into a process and technical architecture conforming to the Engineering Services BPA process and structure. This information will be placed on the web page in a format that will allow users to compare features and prices. As the Engineering Services portion of the web page evolves, the required information and structure may change. At a minimum, the BPA holder shall perform the following:
  - a) Maintain a database of labor categories and rates with minimum qualifications.
  - b) Maintain links within their website and technical/process links to ITPA web site, thus presenting to the NAVAIR customer a virtual one stop shopping and information area.
  - c) Modify their technical architecture and business process as the Engineering Services BPA process evolves.

## ***Cost Estimating/Analysis Labor Category Descriptions***

The following are descriptions of the minimum education and experience characteristics identified by the Government as necessary for the respective labor categories. For the purpose of education requirements, one year of undergraduate study consists of 30 semester/45 quarter credit hours and one year of graduate study consists of 18 semester/ 27 quarter credit hours.

### **Cost Analysis/Estimating Project Director**

**Educational Requirements** Minimum educational requirement is a bachelor's degree from an accredited college or university in engineering, mathematics, statistics or business, which includes at least 24 semester credit hours in any combination of the following: operations research mathematics, statistics, mathematical logic, science, and subject matter courses which require substantial competence in college level mathematics or statistics.

**Experience:** This position requires the individual to have experience in guidance, direction, and supervision in the area of life cycle cost analysis/estimating and cost evaluations. A minimum of ten years recent experience in life cycle cost analysis is required. This includes at least five years directing cost studies and managing/ supervising a staff of analysts.

### **Senior Cost Analyst**

**Educational Requirements:** Minimum educational requirement is a bachelor's degree from an accredited college or university in engineering, mathematics, statistics, or business which includes at least 24 semester credit hours in any combination of the following: operations research mathematics, statistics, mathematical logic, science, and subject matter courses which require substantial competence in college level mathematics or statistics.

**Experience:** This position requires the individual to have six years recent experience in analysis with a minimum of three years recent experience in cost analysis of weapon system/subsystem acquisition including experience in logistics, and operating and support costs analysis. This position requires experience in the following areas: data requirements development and cost data acquisition; statistical data analysis; cost model development and documentation; and cost model evaluation. This position also requires experience with the PPBS/budget development and execution process, and experience in evaluating defense contraction(s)' pricing proposal data as well as contractor historical cost data.

## **Senior Cost Engineer**

**Educational Requirements:** Minimum educational requirement is a bachelor's degree from an accredited college or university in engineering.

**Experience:** This position requires the individual to have eight years recent experience in engineering analysis with a minimum of four years recent analytical experience in estimating life cycle costs of state of the art weapon system/subsystem components. This position requires experience in developing cost estimates based on weapon system and subsystem technical and performance characteristics, as well as knowledge of state of the art design and manufacturing processes required to produce these systems and subsystems. In addition this position requires experience in developing cost estimating relationships using technical and performance systems and subsystems/components. Experience in defining weapons system programmatic and technical requirements related to system development, production, and operation and support, is also required as well as experience in performing life cycle cost trade-off analysis.

## **Cost Analyst**

**Educational Requirements:** Minimum educational requirement is a bachelor's degree from an accredited college or university in engineering, statistics, mathematics, or business which includes at least 24 semester credit hours in any combination of the following: operations research mathematics, statistics, mathematical logic, science, and subject matter courses which require substantial competence in college level mathematics or statistics.

**Experience:** This position requires the individual to have a four years recent experience in cost analysis with a minimum of two years recent experience in weapons system/ subsystem acquisition including experience in logistics, or operating and support cost analysis. This position requires experience in the following areas: data requirements development and cost data acquisition; statistical data analysis; cost model development and documentation; and cost model evaluation. This position also requires experience in the PPBS/budget development and execution process, and an ability to evaluate portions of defense contractor(s)' pricing proposal data as well as contractor historical cost data. Four additional years of related cost analysis experience may be substituted for the degree requirement.



## **Research Analyst**

**Educational Requirements:** Minimum educational requirement is a bachelor's degree from an accredited college or university in statistics, mathematics, engineering, or business.

**Experience:** This position requires the individual to have a minimum of two years recent experience in collecting statistical data, performing statistical analysis and generating documentation in support of the analysis. The position also requires research experience in supporting the collection of technical or cost data for a major research project and expertise in computer application related to data modeling and evaluation. Four additional years of related research experience may be substituted for the degree requirement.

## **Senior Engineer**

**Educational Requirements:** Minimum educational requirement is a bachelor's degree in engineering from an accredited college or university.

**Experience:** This position requires the individual to have six years recent engineering experience. A minimum of three years recent experience should be related to military weapons systems acquisition. This position requires experience in technical aspects of military weapon systems and the ability to perform technical analyses required in support of cost analysis and pricing activities. In addition, this position requires experience in engineering design, planning, and production, and an ability to assess their impacts on all aspects of weapons systems/subsystem acquisition costs.

## **Computer Specialist**

**Educational Requirements:** Minimum educational requirement is a bachelor's degree from an accredited college or university in computer science or a computer related field, with emphasis on applying analytical and statistical techniques within a computer discipline.

**Experience:** This position requires the individual to have a minimum of four years of recent experience in the development of cost models, data bases and corresponding documentation, including computer program users' manuals. This position requires training and experience in computer programming and operations analysis. This position requires working experience of the concepts and tools relating to computer science applications in cost analysis such as: uni and multi-variate statistical and regression analysis, learning curve analysis, computer graphics, cost accounting, direct and indirect costs, development of escalation indices, development of cost estimating relationships, development of large file structures for data manipulation, data base management systems, and structured programming

## **Logistics Analyst**

**Educational Requirements** Minimum educational requirement is a bachelor's degree from an accredited college or university, (which includes at least 24 semester credit hours of math).

**Experience** This position requires the individual to have a minimum of six years recent experience in logistics support and operating and support cost analysis of weapon systems/subsystems. This position requires experience in the technical aspects of integrated logistics support and operational support for weapon systems. Four additional years of related experience may be substituted for the degree requirement.

## HOURLY RATES

| Base Year                     |                               |                             |                              |
|-------------------------------|-------------------------------|-----------------------------|------------------------------|
| Government Category Title     | FSS Labor Category            | GSA Approved<br>Hourly Rate | NAWCAD<br>BPA Hourly<br>Rate |
| Cost Analysis/Estimating P.D. | Contract Manager              | \$98.60                     | \$88.74                      |
| Senior Cost Analyst           | Senior Cost Estimator         | \$77.58                     | \$73.70                      |
| Senior Cost Engineer          | Senior Cost Engineer          | \$53.80                     | \$53.80                      |
| Cost Analyst                  | Senior Cost Estimator II      | \$64.04                     | \$64.04                      |
| Research Analyst              | Cost Estimator                | \$48.28                     | \$48.28                      |
| Senior Engineer               | Senior Technical Analyst (HW) | \$101.50                    | \$101.50                     |
| Computer Specialist           | Computer Specialist           | \$34.48                     | \$34.48                      |
| Logistics Analyst             | Logistics Analyst             | \$37.66                     | \$37.66                      |

| First Option Year             |                               |                             |                              |
|-------------------------------|-------------------------------|-----------------------------|------------------------------|
| Government Category Title     | FSS Labor Category            | GSA Approved<br>Hourly Rate | NAWCAD<br>BPA Hourly<br>Rate |
| Cost Analysis/Estimating P.D. | Contract Manager              | 81.86                       | 91.85                        |
| Senior Cost Analyst           | Senior Cost Estimator         | 72.40                       | 76.28                        |
| Senior Cost Engineer          | Senior Cost Engineer          | 55.68                       | 55.68                        |
| Cost Analyst                  | Senior Cost Estimator II      | 66.28                       | 66.28                        |
| Research Analyst              | Cost Estimator                | 49.97                       | 49.97                        |
| Senior Engineer               | Senior Technical Analyst (HW) | 105.05                      | 105.05                       |
| Computer Specialist           | Computer Specialist           | 35.69                       | 35.69                        |
| Logistics Analyst             | Logistics Analyst             | 38.98                       | 38.98                        |

| Second Option Year            |                               |                             |                              |
|-------------------------------|-------------------------------|-----------------------------|------------------------------|
| Government Category Title     | FSS Labor Category            | GSA Approved<br>Hourly Rate | NAWCAD<br>BPA Hourly<br>Rate |
| Cost Analysis/Estimating P.D. | Contract Manager              | 85.20                       | 95.06                        |
| Senior Cost Analyst           | Senior Cost Estimator         | 75.07                       | 78.95                        |
| Senior Cost Engineer          | Senior Cost Engineer          | 57.63                       | 57.63                        |
| Cost Analyst                  | Senior Cost Estimator II      | 68.60                       | 68.60                        |
| Research Analyst              | Cost Estimator                | 51.72                       | 51.72                        |
| Senior Engineer               | Senior Technical Analyst (HW) | 108.73                      | 108.73                       |
| Computer Specialist           | Computer Specialist           | 36.94                       | 36.94                        |
| Logistics Analyst             | Logistics Analyst             | 40.34                       | 40.34                        |

| Third Option Year             |                               |                             |                              |
|-------------------------------|-------------------------------|-----------------------------|------------------------------|
| Government Category Title     | FSS Labor Category            | GSA Approved<br>Hourly Rate | NAWCAD<br>BPA Hourly<br>Rate |
| Cost Analysis/Estimating P.D. | Contract Manager              | 88.53                       | 98.39                        |
| Senior Cost Analyst           | Senior Cost Estimator         | 77.83                       | 81.71                        |
| Senior Cost Engineer          | Senior Cost Engineer          | 59.65                       | 59.65                        |
| Cost Analyst                  | Senior Cost Estimator II      | 71.00                       | 71.00                        |
| Research Analyst              | Cost Estimator                | 53.53                       | 53.53                        |
| Senior Engineer               | Senior Technical Analyst (HW) | 112.53                      | 112.53                       |
| Computer Specialist           | Computer Specialist           | 38.23                       | 38.23                        |
| Logistics Analyst             | Logistics Analyst             | 41.75                       | 41.75                        |

| Forth Option Year             |                               |                             |                              |
|-------------------------------|-------------------------------|-----------------------------|------------------------------|
| Government Category Title     | FSS Labor Category            | GSA Approved<br>Hourly Rate | NAWCAD<br>BPA Hourly<br>Rate |
| Cost Analysis/Estimating P.D. | Contract Manager              | 91.97                       | 101.83                       |
| Senior Cost Analyst           | Senior Cost Estimator         | 80.69                       | 84.57                        |
| Senior Cost Engineer          | Senior Cost Engineer          | 61.74                       | 61.74                        |
| Cost Analyst                  | Senior Cost Estimator II      | 73.49                       | 73.49                        |
| Research Analyst              | Cost Estimator                | 55.40                       | 55.40                        |
| Senior Engineer               | Senior Technical Analyst (HW) | 116.47                      | 116.47                       |
| Computer Specialist           | Computer Specialist           | 39.57                       | 39.57                        |
| Logistics Analyst             | Logistics Analyst             | 43.22                       | 43.22                        |